

# Yinghua Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

992  
citations

516710

16  
h-index

454955

30  
g-index

50  
all docs

50  
docs citations

50  
times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophilic Polydopamine-Coated Graphene for Metal Ion Immobilization as a Novel Immobilized Metal Ion Affinity Chromatography Platform for Phosphoproteome Analysis. <i>Analytical Chemistry</i> , 2013, 85, 8483-8487.	6.5	148
2	Facile synthesis of Ti <sup>4+</sup> -immobilized Fe <sub>3</sub> O <sub>4</sub> @polydopamine core-shell microspheres for highly selective enrichment of phosphopeptides. <i>Chemical Communications</i> , 2013, 49, 5055.	4.1	134
3	Self-Assembling Hydrophilic Magnetic Covalent Organic Framework Nanospheres as a Novel Matrix for Phthalate Ester Recognition. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26539-26545.	8.0	74
4	Metal Oxide Affinity Chromatography Platform-Polydopamine Coupled Functional Two-Dimensional Titania Graphene Nanohybrid for Phosphoproteome Research. <i>Analytical Chemistry</i> , 2014, 86, 4327-4332.	6.5	54
5	Designed Synthesis of Titania Nanoparticles Coated Hierarchially Ordered Macro/Mesoporous Silica for Selective Enrichment of Phosphopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5467-5471.	8.0	47
6	Recent advances in nanomaterials for sample pre-treatment in phosphoproteomics research. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115655.	11.4	35
7	Selective enrichment of phosphopeptides by titania nanoparticles coated magnetic carbon nanotubes. <i>Talanta</i> , 2014, 118, 14-20.	5.5	34
8	Binary magnetic metal-organic frameworks composites: a promising affinity probe for highly selective and rapid enrichment of mono- and multi-phosphopeptides. <i>Mikrochimica Acta</i> , 2019, 186, 832.	5.0	28
9	Facile synthesis of titania nanoparticles coated carbon nanotubes for selective enrichment of phosphopeptides for mass spectrometry analysis. <i>Talanta</i> , 2013, 107, 30-35.	5.5	27
10	Post-synthesis modification of covalent organic frameworks for ultrahigh enrichment of low-abundance glycopeptides from human saliva and serum. <i>Talanta</i> , 2022, 236, 122831.	5.5	26
11	RGD Modified Protein-Polymer Conjugates for pH-Triggered Targeted Thrombolysis. <i>ACS Applied Bio Materials</i> , 2019, 2, 437-446.	4.6	25
12	Facile preparation of polymer-grafted ZIF-8-modified magnetic nanospheres for effective identification and capture of phosphorylated and glycosylated peptides. <i>Analytical Methods</i> , 2020, 12, 4657-4664.	2.7	24
13	A Covalent Organic Framework-Derived Hydrophilic Magnetic Graphene Composite as a Unique Platform for Detection of Phthalate Esters from Packaged Milk Samples. <i>Chromatographia</i> , 2019, 82, 1089-1099.	1.3	21
14	Folate-conjugated and pH-triggered doxorubicin and paclitaxel co-delivery micellar system for targeted anticancer drug delivery. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1529-1538.	5.9	19
15	Titanium(IV)-Immobilized Hydrophilic Hierarchically Ordered Macro-/Mesoporous Silica for Fast Enrichment of Phosphopeptides. <i>ChemPlusChem</i> , 2014, 79, 662-666.	2.8	18
16	Silica Protection-Sacrifice Functionalization of Magnetic Graphene with a Metal-Organic Framework (ZIF-8) to Provide a Solid-Phase Extraction Composite for Recognition of Phthalate Esters from Human Plasma Samples. <i>Chromatographia</i> , 2019, 82, 625-634.	1.3	17
17	Phosphonate-Functionalized Ionic Liquid: A New Surface Modifier Contributing to the Enhanced Enrichment of Phosphorylated Peptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7930-7940.	6.7	17
18	Gold nanoparticle-glutathione functionalized MOFs as hydrophilic materials for the selective enrichment of glycopeptides. <i>Talanta</i> , 2021, 228, 122263.	5.5	17

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19	Facile Preparation of Hydrophilic Dual Functional Magnetic Metal-Organic Frameworks as a Platform for Proteomics Research. <i>ChemistrySelect</i> , 2019, 4, 2200-2204.	1.5	16
20	Phosphonate-functionalized Ionic Liquid: A Novel Electrolyte Additive for Enhanced Cyclic Stability and Rate Capability of LiCoO <sub>2</sub> Cathode at High Voltage. <i>ChemistrySelect</i> , 2019, 4, 9959-9965.	1.5	14
21	Efficient separation of phosphopeptides employing a Ti/Nb-functionalized core-shell structure solid-phase extraction nanosphere. <i>Mikrochimica Acta</i> , 2021, 188, 32.	5.0	14
22	Post-synthesis of boric acid-functionalized magnetic covalent organic framework as an affinity probe for the enrichment of N-glycopeptides. <i>Mikrochimica Acta</i> , 2021, 188, 336.	5.0	13
23	Self-assembly of poly(ionic liquid) functionalized mesoporous magnetic microspheres for the solid-phase extraction of preservatives from milk samples. <i>Journal of Separation Science</i> , 2020, 43, 766-773.	2.5	12
24	Postsynthesis of zwitterionic hydrophilic composites for enhanced enrichment of N-linked glycopeptides from human serum. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8607.	1.5	11
25	Metal organic frameworks as advanced adsorbent materials for separation and analysis of complex samples. <i>Journal of Chromatography A</i> , 2022, 1671, 462971.	3.7	11
26	<i>In situ</i> synthesis of a novel metal oxide affinity chromatography affinity probe for the selective enrichment of low-abundance phosphopeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8881.	1.5	10
27	Post-synthesis of biomimetic chitosan with honeycomb-like structure for sensitive recognition of phosphorylated peptides. <i>Journal of Chromatography A</i> , 2021, 1643, 462072.	3.7	10
28	Graphene functionalized with structurally complementary amino acids for sensitive recognition of N-linked glycopeptides. <i>Journal of Chromatography A</i> , 2021, 1655, 462505.	3.7	9
29	One-step preparation of magnetic zwitterionic hydrophilic dual functional nanospheres for in-depth glycopeptides analysis in Alzheimer's disease patients' serum. <i>Journal of Chromatography A</i> , 2022, 1669, 462929.	3.7	9
30	Construction of boric acid-functionalized metal-organic frameworks for glycopeptide recognition in the serum of cervical cancer patients. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9314.	1.5	9
31	Janus hollow polymeric hairy microspheres as efficient adsorbents and catalyst scaffolds. <i>Materials Chemistry Frontiers</i> , 2019, 3, 922-930.	5.9	7
32	Modified Carbon Nanotubes Decorated with ZIFs as New Immobilized Metal Ion Affinity Chromatography Platform for Enrichment of Phosphopeptides. <i>ChemistrySelect</i> , 2021, 6, 1313-1319.	1.5	7
33	Facile Preparation of ZIF-8 MOF Coated Mesoporous Magnetic Nanoarticles to Provide a Magnetic Solid Phase Extraction Platform. <i>Journal of Analytical Chemistry</i> , 2021, 76, 430-441.	0.9	7
34	One-step preparation of carbonaceous spheres rich in phosphate groups via hydrothermal carbonization for effective phosphopeptides enrichment. <i>Journal of Chromatography A</i> , 2021, 1651, 462285.	3.7	7
35	Bifunctional super-hydrophilic mesoporous nanocomposite: a novel nanoprobe for investigation of glycosylation and phosphorylation in Alzheimer's disease. <i>Journal of Chromatography A</i> , 2022, 1676, 463236.	3.7	7
36	Facile preparation of a hydrophilic magnetic hybrid nanomaterial with solid-phase extraction capability for highly efficient enrichment of phthalates in environmental water. <i>Analytical Methods</i> , 2018, 10, 2924-2930.	2.7	6

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37	Efficient and Chemoselective Amidation of $\alpha$ -Carboline Carboxylic Acids. <i>ChemistrySelect</i> , 2019, 4, 12978-12982.	1.5	5
38	Post-modified porous hollow nanospheres incorporating multiple strategies for comprehensive phosphoproteomics analysis of serum of Alzheimer's disease. <i>Microporous and Mesoporous Materials</i> , 2022, 341, 112066.	4.4	5
39	A novel IMAC platform $\alpha$ -adenosine coupled functional magnetic microspheres for phosphoproteome research. <i>Analytical Methods</i> , 2018, 10, 1190-1195.	2.7	4
40	Facile Preparation of Hydrophilic Bifunctional Groups Modified Magnetic Microspheres as a Novel Matrix for Detection of Phthalate Esters from Human Plasma Samples. <i>ChemistrySelect</i> , 2018, 3, 9526-9532.	1.5	4
41	One-step synthesis of a bifunctional nanocomposite for separation and enrichment of phosphopeptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1130-1131, 121833.	2.3	4
42	Self-Assembling Bifunctional Hydrophilic Magnetic Nanomaterials for Highly Efficient Enrichment of Parabens in Beverages Sample. <i>ChemistrySelect</i> , 2019, 4, 10488-10493.	1.5	4
43	Viscosities and Conductivities of Binary Mixtures of 4-(Diethoxyphosphoryl)butyl Triphenylphosphonium Hexafluorophosphate with Organic Solvents. <i>ChemistrySelect</i> , 2019, 4, 914-918.	1.5	4
44	Facile Preparation of a Nanocomposite with Bifunctional Groups for the Separation and Analysis of Phosphopeptides in Human Saliva. <i>ChemistrySelect</i> , 2020, 5, 11152-11158.	1.5	4
45	Hydrophilic carrageenan functionalized magnetic carbon-based framework linked by silane coupling agent for the enrichment of N-glycopeptides from human saliva. <i>Journal of Separation Science</i> , 2021, 44, 2143-2152.	2.5	4
46	Location-Controlled Synthesis of Hydrophilic Magnetic Metal-Organic Frameworks for Highly Efficient Recognition of Phthalates in Beverages. <i>ChemistrySelect</i> , 2018, 3, 12440-12445.	1.5	3
47	Hierarchically ordered macro/mesoporous alumina nanoreactor with multi-functions in phosphoproteomics. <i>Analytical Methods</i> , 2013, 5, 6572.	2.7	2
48	FGF21 biomarker detection at the subnanogram per mL level in human serum using normal-flow liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8817.	1.5	2
49	B-amino acid functionalized biomimetic honeycomb chitosan membrane as a multifunctional hydrophilic probe for specific capture of N-linked glycopeptides in nasopharyngeal carcinoma's disease patient's serum. <i>Journal of Separation Science</i> , 2022, , .	2.5	2
50	Mass filter with phase modulation of radio frequency voltage. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4645.	1.6	1